

STANDARD FOR SELECTION OF TREES, SHRUBS AND VINES FOR PLANTING

Definition

Plants to aesthetically enhance and restore disturbed soils.

Water Quality Enhancement

Integrating trees, shrubs and vines with permanent turf grasses provides a protective vegetative cover against wind and rain, to minimize or negate water quality degradation downstream.

Where Applicable

Graded or cleared areas subject to erosion, where a permanent, long-lived vegetative cover other than turf alone is desired.

Plant Material

Although this is by no means a complete listing of the available plant material in these categories, it does include most of that which is commonly used throughout the State of New Jersey. The services of a Landscape Architect or a Horticulturalist should be utilized for the selection of plant material for specific sites where problems exist due to soil or other ecological conditions. See fig. 10-1, Tree Planting Detail for an example of a typical detail for tree establishment.

EVERGREEN TREES

<u>Latin Name</u>	<u>Common Name</u>
Abies concolor	White Fir
Ilex opaca	American Holly
Juniperus virginiana	Eastern Red Cedar
Picea abies	Norway Spruce
Picea pungens	Colorado Spruce
Pinus strobus	White Pine
Pinus thunbergi	Japanese Black Pine
Pseudotsuga menziesii	Douglas-fir

DECIDUOUS TREES

<u>Latin Name</u>	<u>Common Name</u>
Acer rubrum & varieties	Red Maple or Swamp Maple
Acer saccharum	Sugar Maple
Aesculus hippocastanum	Horsechestnut
Carya ovata	Shagbark Hickory
Celtis occidentalis	Common Hackberry
Fagus grandifolia	American Beech
Fagus sylvatica & varieties	European Beech
Quercus alba	White Oak
Quercus rubra	Northern Red Oak

Quercus coccinea	Scarlet Oak
Pin Oak	Quercus palustris
Quercus phellos	Willow Oak
Tilia americana	American Linden
Tilia cordata & varieties	Littleleaf Linden
Tilia tomentosa	Silver Linden
Zelkova serrata	Japanese Zelkova

SMALL DECIDUOUS TREES

Acer campestre	Hedge Maple
Acer ginnala	Amur Maple
Amelanchier canadensis	Shadblow Serviceberry
Betula varieties	Birch
Carpinus betulus	European Hornbeam
Carpinus caroliniana	American Hornbeam
Cercis canadensis	American Redbud
Cornus florida	Flowering Dogwood
Cornus kousa	Japanese Dogwood
Cornus mas	Cornelian Cherry Dogwood
Cotinus coggygria	Smokebush
Crataegus crusgalli	Cockspur Thorn
Crataegus phaenopyrum	Washington Hawthorn
Hibiscus syriacus	Shrub Althea
Magnolia virginiana	Sweetbay Magnolia
Malus varieties	Crabapples
Oxydendron arboreum	Sorrel Tree or Sourwood
Prunus varieties	Cherries
Salix caprea	Goat or Willow

SHRUBS

Latin Name	Common Name
Aronia arbutifolia	Red Chokeberry
Aronia arbutifolia brilliantissima	Brilliant Chokeberry
Chaenomeles lagenaria	Flowering Quince
Clethra alnifolia & varieties	Summersweet Clethra
Cornus varieties	Dogwood
Forsythia intermedia & varieties	Border Forsythia
Forsythia suspensa	Weeping Forsythia
Hamamelis varieties	Witchhazel
Ilex glabra	Inkberry
Ilex verticillata	Winterberry Holly
Kalmia latifolia	Mountain Laurel
Myrica pensylvanica	Northern Bayberry
Rhododendron maximum	Rosebay Rhododendron
Rhus varieties	Sumac
Rosa varieties	Rose
Salix discolor	Pussy willow

Syringa vulgaris
Vaccinium corymbosum
Viburnum varieties

Common Lilac
Highbush Blueberry
Viburnum

VINES AND PERENNIAL GROUND COVER

Campsis radicans
Euonymus fortunei vegetus
Juniperus conferta
Juniperus horizontalis plumosa
Pacysandra terminalis
Parthenocissus quinquefolia
Vitis sp.

Trumpetcreeper
Wintercreeper Euonymus
Shore Juniper
Andorra Juniper
Packasandra
Virginia Creeper
Grapes sp.

FIGURE 10-1: TYPICAL TREE PLANTING DETAIL

